PTO/SB/05 (03-01)



UTILITY **PATENT APPLICATION TRANSMITTAL** 

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. I-2-72.3US Attorney Docket No. Donald L. Schilling First Inventor SPREAD SPECTRUM COMMUNICATIONS USING A REFERENCE AND A MESSAGE SIGNAL SYSTEM AND METHOD

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Approved for use through 10/31/2002. OMB 0651-0032

(Only for new nonprovisio	nal applications under 37 CFR 1.53(b))	Expres	s Mail Label No	<sub>D.</sub> EL 94059	8051 U	IS
APPLICA	TION ELEMENTS	ADI	DRESS TO:	Commissione Box Patent A		
	See MPEP chapter 600 concerning utility patent application contents.					
Fee Transmittal Form (e.g., PTO/SB/17)  (Submit an original and a duplicate for fee processing)  Applicant claims small entity status.  See 37 CFR 1.27.  Specification [Total Pages 30]  - Descriptive title of the invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to sequence listing, a table, or a computer program listing appendix  - Background of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure			Washington, DC 20231  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. (when there is an assignee) Power of Attorney  11. English Translation Document (if applicable)			
J	, - <del></del>	1 12.	Information D			Copies of IDS
					S.C. 122 m PTO/SB/35 ule.A ry amendment,	
19. CORRESPONDENCE ADDRESS						
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Name	VOLPE AND KOENIG, P	.C. DEF	PT ICC	•		
Address City		State		Zip (		
Country	<u> </u>	elephone		Fa	ax	
Name (Print/Type)	FRANK A. MAZZEO	Reg	istration No. (Att	orney/Agent)	46,25	59
Signature	har Marrey			Date	18/8	/02

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## SCHEDULE A

17. Copy of Revocation of Power of Attorney and Power of Attorney, and Associate Power of Attorney Accompanying Application.



Volpe and Koenig Revision of PTO/SB/17 (10-01)
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## **FEE TRANSMITTAL** for FY 2002

Patent fees are subject to annual revision.

824 **TOTAL AMOUNT OF PAYMENT** (\$)

Complete if Known				
Application Number	Not Yet Known			
Filing Date	Not Yet Known			
First Named Inventor	Donald L. Schilling			
Examiner Name	Not Yet Known			
Group Art Unit	Not Yet Known			
Attorney Docket No.	I-2-72.3US			

	METHOD OF PAYMENT	FEE CALCULATION (continued)					
	1. The Commissioner is hereby authorized to charge indicated foca and gradit any every authorized to charge	3. ADDITIONAL FEES					
	Deposit	Large Small					
	Account Number 09-0435	Entity Entity Fee Fee Fee Fee Paid Fee Paid					
	Deposit	Code (\$) Code (\$)					
	Account Name InterDigital Comm. Corp.	105 130 205 65 Surcharge - late filing fee or oath					
L	Charge any Deficiencies or Credit any Overpayment in the Total Fees Associated With This Communication	127 50 227 25 Surcharge - late provisional filing fee or cover sheet					
	Applicant claims small entity status.	139 130 139 130 Non-English specification					
	See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination					
Ŋ	2. Payment Enclosed:	112 920* 112 920* Requesting publication of SIR prior to					
C	Check Credit card Money Other	Examiner action  113 1,840* 113 1,840* Requesting publication of SIR after					
Ū)	FEE CALCULATION	Examiner action					
Ci	1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month					
9	Large Entity Small Entity	116 400 216 200 Extension for reply within second month					
C)	Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 920 217 460 Extension for reply within third month					
n,	101 740 201 370 Utility filing fee 740	118 1,440 218 720 Extension for reply within fourth month					
	106 330 206 165 Design filing fee	128 1,960 228 980 Extension for reply within fifth month					
	107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal					
100 F	108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal					
	114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing					
Hard.	OUDTOTAL (4) (6) 740	138 1,510 138 1,510 Petition to institute a public use proceeding					
ļ	SUBTOTAL (1) (\$) 740	140 110 240 55 Petition to revive - unavoidable					
	2. EXTRA CLAIM FEES Fee from	141 1,280 241 640 Petition to revive - unintentional					
	Extra Claims below Fee Paid	142 1,280 242 640 Utility issue fee (or reissue)					
	Total Claims	143 460 243 230 Design issue fee					
	Claims	144 620 244 310 Plant issue fee					
	Multiple Dependent 0 = 0	122 130 122 130 Petitions to the Commissioner					
ı	<del> </del>	123 50 123 50 Processing fee under 37 CFR 1.17(q)					
	Large Entity Small Entity Fee Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt					
	Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20	581 40 581. 40 Recording each patent assignment per property (times number of properties)					
ŀ	102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection					
	104 280 204 140 Multiple dependent claim, if not paid	(37 ČFR § 1.129(a))					
	109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))					
	110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)					
	and over original patent	169 900 169 900 Request for expedited examination of a design application					
	SUBTOTAL (2) (\$) 84	Other fee (specify)					
	**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0					

SUBMITTED BY				Complete (if applicable)		
Name (Print/Type)	FRANK A. MAZZEO	Registration No. (Attorney/Agent)	46,259	Telephone	215-568-6400	
Signature	Tran Marko			Date	2/8/02	

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